Customer No. 04249

## OT PE TO 7 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PLICANTS:	Ramas	swamy Vaidyanathan,	)	PATENT APPLICATION
	Willian	n D. Stephens, David	)	
	R. Var	n Hare	)	
			)	
APPLICATION NO	<b>D</b> .:	10/695,319	)	Group Art Unit: 2857
CONFIRMATION	NO.:	4850	)	
FILED:	October	28, 2003	)	Examiner:
			)	
FOR: PROCE	SS AND I	METHOD FOR	)	Attorney Docket No.:
CHEMIC	CAL MAN	UFACTURING USING	i )	39819-00
TRANSI	FORMATI	ON OF ON-LINE	)	
INSTRU	IMENTAT	ION DATA	)	•
<u>Informat</u>	tion Discl	osure Statement Pur	rsuar	t to 37 C.F.R. 1.97-1.98

Mail Stop Amendments Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

## **CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, ALEXANDRIA, VIRGINIA 22313-1450.

on October 5 2004 By Carol M nett

CAROL M. NETH nt submits the documer

Pursuant to 37 C.F.R. 1.97-1.98, Applicant submits the documents identified in the enclosed form PTO-1449 for consideration by the Patent and Trademark Office in the examination of the above-identified patent application. A copy of the PCT International Search Report is also enclosed.

Copies of the documents listed on the form are enclosed for the convenience of the Examiner.

Correspondence Address: BP America Inc. Docket Clerk, BP Legal, M.C. 5East 4101 Winfield Road Warrenville, Illinois 60555 Respectfully submitted,

Scott P. McDonald
Attorney for the Applicants
Registration Number 34,871

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E ANTIAL			DO	CUM	ENT	NUM	BER		DATE	NAME	CLASS	SUBCLASS	FILING APPRO	DATE IF	
	AA	6	1	2	2	5	5	5	9/19/00	Zhuxin J. Lu	700	9			
	AB	3	8	9	1	8	3	6	6/24/75	Wooyoung Lee	235	151.12			
	AC	3	7	5	9	8	2	0	9/18/73	David M. Boyd	208	64		******	
	AD	4	4	4	8	7	3	6	5/15/84	Donald B. Emery	264	40.1		-	
	AE	5	5	0	4	1	6	6	4/2/98	Albert Buchelli et al.	526	60			
	AF	5	1	5	5	1	8	4	10/13/92	Joseph Laurent et al.	526	59			
	AG	4	4	6	9	8	5	3	9/4/84	Ado Mori	526	59			
	AH	5	8	3	0	9	5	4	11/3/98	Shigeki Hayashi et al.	526	60			
	Al	5	3	8	7	.6	5	9	2/7/95	John D. Hottovy et al.	526	59			
	AJ	5	6	4	4	0	0	7	7/1/97	Robert S. Davidson et al.	526	64			
	AK	5	6	8	4	5	8	0	11/4/97	John B. Cooper et al.	356	301			
	•								FOREIGN	PATENT DOCUMENTS			· · · · · ·		
			DOCUMENT NUMBER DATE							COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
٠	AL	0	1	5	1	5	8	9 A1	7/19/01	WO/PCT	C10G	11/18			
•	AM	0	4	8	6	2	6	2 A1	5/20/92	European	C08F	2/00			
	AN	0	1	8	2	0	0	8 A1	11/1/01	WO/PCT	G05B	13/02			
	AO	9	5	2	6	9	9.	0 A1	10/12/95	WO/PCT	C08F	10/00			
	AP	9	6	4	1	8	2	2. A1	12/27/96	WO/PCT	/ C08F	10/00			
					ОТІ	HER	DOC	UME	NTS (Includ	ing Author, Title, Date, Pertinent	Pages, etc.)				
	AR		"No Bul 868	letin,	ear M	lateri Cor <sub>l</sub>	al Ba p. Ne	ilanc w Yo	e Techniqu rk, US, vol	e to Control Reactor Gas Com 40, no. 8, August 1, 1997 (199	position," IB 7-08-01), pag	M Technical Di e 13; XP000735	sclosure 5561; ISSN	N: 0018-	
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U.S. DEPARTMENT OF COMMERCE PRESENT AND TRADEMARK OFFICE										ATTY. DOCKET NO. 39829-00	SERIAL NO. 10/695,319				
LIST OF DOCUMENTS CITED BY APPLICANT										APPLICANTS					
/  Lis	TOF	oodi	MEI	NTS	CITE	D BY	APP	LICA	NT	Ramaswamy Valdyanathan, Wi		ephens, David	R. Van Ha	re	
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EXAMINER INITIAL	ADEN		DO	CUM	ENT	NUM	BER		DATE	NAME	CLASS	SUBCLASS		DATE IF PRIATE	
	ВА	3	5	0	6	6	4	0	4/14/70	Richard K. Reid et al.	260	94.9		<u> </u>	
	ВВ	4	3	4	9	8	6	9	9/14/82	David M. Prett et al.	364	159	<u> </u>	<del></del>	
	ВС	4	6	1	6	3	0	8	10/7/86	Adbol M. Morshedi et al.	364	159	<del> </del>		
	BD	5	9	3	3	3	4	5	8/3/99	Gregory D. Martin et al.	364	164	<del> </del>		
	BE	5	8	7	7	9	5	4	3/2/99	Casimir C. Klimasauskas et al.	364	149	<u> </u>		
	BF	4	8	8	8	7	0	4	12/19/89	Robert J. Topliss et al.	364	500		<del></del>	
	BG	0	1	5	6	2	0	5		Robert L. Long et al.	526	60	5/3/2002		
	ВН	6	1	4	4	8	9	7	11/7/00	Jacques De Selliers	700	269	<u></u>		
	ВІ	6	0	7	2	5	7	6	6/6/00	Michael F. McDonald et al.	356	300		.,	
	BJ	3	3	5	6	6	6	7	12/5/67	D. E. Smith et al.	260	93.7			
	ВК														
·	l	Γ						<u>-</u>	1	PATENT DOCUMENTS	<u>,                                     </u>				
				CUMI	ENT	NUMI	BER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSL YES	ATION NO	
	BL	0	2	1	6	9	3	2 A1	2/28/02	WO/PCT	G01N	33/44			
	ВМ	0	1	4	9	7	5	1 A1	7/12/01	WO/PCT	C08F	10/02			
	BN	9	3	2	4	5	3	3	12/9/93	WO/PCT	C08F	2/00			
	во	3	0	2	6	7	9	1 A1	4/3/03	WO/PCT	B01J	19/00			
	ВР	0	3	9	8	7	0	6 A2	11/22/90	European	B01J	19/00			
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